

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1188	Nickel.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/30 23:38
S2	53	S1 and Andreas.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/19 16:04
S3	493	Stange.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/30 23:41
S4	7	S3 and Olaf	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/30 23:42
S5	0	Jena.in. and Ingolf.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/30 23:42
S6	907	Ingolf.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/30 23:43
S7	0	S6 and Jena.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/30 23:43
S8	22	S6 and Voigt.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/30 23:49
S9	6	Stahn.in. and Michael. in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/30 23:50
S10	0	"Kohler.in" and Birgit. in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/30 23:50
S11	3207	Kohler.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/30 23:50
S12	4	S11 and Birgit.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/30 23:51
S13	29	"4293418"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/30 23:53
S14	44	"3277959"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/30 23:53

S15	106	ceramic near4 capillaries	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/12/01 13:58
S16	65	S15 and (cas\$3 or hous \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/12/01 13:58
S17	12	("3219193"   "3676193"   "4069157"   "4640774"   "4921607"   "5006229"   "5008012"   "5186834"   "5442968"   "5490926").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/01 14:08
S18	1214	Nickel.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/19 16:04
S19	54	S18 and Andreas.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/19 16:05
S20	3	S19 and capillaries	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/19 16:05
S21	27	("4293418").URPN.	USPAT	AND	ON	2007/02/22 16:56
S22	11	("4950391").URPN.	USPAT	AND	ON	2007/02/22 16:58
S23	63	(ceramic same capillar \$4) same bundle	USPAT	AND	ON	2007/02/22 16:59
S24	130	(ceramic same capillar \$4) same bundle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/22 16:59
S25	13	("20020179516"   "2961062"   "3269817"   "5194154"   "5198007"   "5282964"   "5611931"   "5662843"   "6174490"   "6270714"   "6566290").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/22 17:11
S26	3	"10112863"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/22 17:13
S27	33	"5194154"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/22 17:13

S28	9	("4640774").URPN.	USPAT	AND	ON	2007/02/22 17:56
S29	7	("4473471"   "4640774"   "4849104"   "4894070"   "5037461"   "5062910"   "5700373").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/22 17:57
S30	9	("5700373").URPN.	USPAT	AND	ON	2007/02/22 18:00
S31	165	((bundle near5 capillar \$4) and ceramic)	USPAT	AND	ON	2007/02/22 18:00
S32	306	((bundle near5 capillar \$4) and ceramic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/22 18:01
S33	7	"4296052"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/27 18:20
S34	19	"4310607"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/27 18:20
S35	7	("3476602"   "3679480"   "4112203"   "4137376"   "4230778").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/27 18:44
S36	49	"429"/\$ and (ceramic) and capillaries and bundle	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/27 18:54
S37	29	"2,961,062"	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/27 18:55
S38	15	("2961062").URPN.	USPAT	AND	ON	2007/02/27 19:02
S39	31	("2084811"   "2087947"   "2961062"   "3019853"   "3091105"   "3100868"   "3135591"   "3262251"   "3269817"   "3279902"   "3422008"   "3567666"   "3652248"   "3897233"   "4092135"   "4165224"   "4203844"   "4220535"   "4427424").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/27 19:08
S40	7	("4671809").URPN.	USPAT	AND	ON	2007/02/27 19:14
S41	22	"119420"	USPAT	AND	ON	2007/02/27 19:14

S42	44	"119420"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/27 19:14
S43	44	"119420"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/27 19:21
S44	349	Reed.in. and George.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/27 19:21
S45	2	S44 capill\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/27 19:25
S46	28985	ceramic near4 fiber\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/27 19:26
S47	193	S46 and capillar\$3 and permeate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/27 20:12
S48	117	"4,069,157"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/27 19:49
S49	10	"4671809"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/27 19:49
S50	41	"5182019"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/27 20:12
S51	29	"5182019" and ceramic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/27 20:12
S52	39	"5182019"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/27 21:06

S53	0	"51820198"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/28 15:37
S54	39	"5182019"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/28 15:37
S55	39	"5182019"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/02/28 18:51
S56	21	"4268278"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/02/28 19:28
S57	2	"20040076874"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/16 18:58
S58	42	"5945070"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/09/17 12:34
S59	1	"20040105786"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/09/17 12:37
S60	4	("4655763"   "5130254"   "5876926"   "5935523").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/09/17 12:37
S61	13	("1392454"   "3872730"   "4020837"   "4244478"   "4274453"   "4545497"   "4655763"   "4673404"   "4756201"   "4808381"   "4815325"   "4935274").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/17 12:38
S62	13	("5130254").URPN.	USPAT	OR	ON	2007/09/17 12:38
S63	2	"20040076874"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 14:06
S64	9765955	EP "0" "841" "086"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 14:07
S65	18	"841086"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 14:08

S66	832	(wind\$3 same bundle) and ceramic and fiber \$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 14:17
S67	375	S66 and film	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 14:17
S68	22	("3809613").URPN.	USPAT	OR	ON	2008/05/20 14:29
S69	70	"3455460"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 14:36
S70	3	("4183283").URPN.	USPAT	OR	ON	2008/05/20 14:44
S71	65	"3690465"	USPAT	OR	ON	2008/05/20 15:03
S72	17	S66 and (film near4 strip\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 15:52
S73	35	("3690465").URPN.	USPAT	OR	ON	2008/05/20 16:06
S74	12	("3422008"   "3536611"   "3690465"   "3794468"   "4140637"   "4172794"   "4343668"   "4350549"   "4533089").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 16:13
S75	57	("3536611").URPN.	USPAT	OR	ON	2008/05/20 16:16
S76	34	S66 and baffle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 16:22
S77	29	"4367139"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 16:24
S78	11	S77 and baffle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 16:24

S79	69	"3690465"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 17:19
S80	47	"5352361"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 17:20
S81	108	Cote.in. and ceramic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 17:21
S82	49	"5182019"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 17:22
S83	4	"6217764"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 17:26
S84	67	Nickel.in. and Andreas. in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 17:29
S85	11	"5779897"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 17:48
S86	33	(ceramic near4 capillaries) same (wound or wind\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/23 17:27
S87	50	(shell near4 side) and (ceramic near4 (film\$2 or strip\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/05/21 17:28
S88	1312	(ceramic near4 (film\$2 or strip\$2)) same adhesive	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/05/21 17:31
S89	9	S88 and "210"/\$	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/05/21 17:32
S90	28237	(ceramic same adhesive)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/05/21 18:04

S91	15848	S90 and (film or strip \$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/05/21 18:04
S92	201	S91 and "21"/\$	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/05/21 18:04
S93	140	S91 and "210"/\$	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/05/21 18:05
S94	17008	S90 and (film or strip\$2 or tape)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/05/21 18:06
S95	257	S94 and (capillaries)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/05/21 18:06
S96	25	ceramic near4 film near4 strips	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/05/22 13:26
S97	303	(ceramic near4 (connector or baffle\$2 or tape\$2 or film)) and "210"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/22 13:48
S98	91	S97 and adhesive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/22 13:48
S99	51	"5352361"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/22 15:16
S100	38	(cover same (protrusions)) and microfluidic	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/11/18 13:02
S101	2	("5842573"   "6827905").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/11/18 13:04
S102	12	"5779897"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/11/18 16:37
S103	68	"3690465"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/11/18 16:38
S104	11	"4640774"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/11/18 16:41
S105	192	(sinter\$4 near10 (capillar\$4 or filament \$2)) and (wind\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/04/07 19:27



S106	20	(sinter\$4 near10 (capillar\$4 or fillament \$2) near10 ceramic) and (wind\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/04/07 19:30
S107	18	(sinter\$4 near10 (capillar\$4 or fillament \$2) near10 ceramic) and (roll\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/04/07 19:32
S108	1	watabiki.in. and capillaries	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/04/07 19:35
S109	137	(sinter\$4 same (capillar \$4 or fillament\$2) same ceramic) and (roll\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/04/07 19:35
S110	218	(sinter\$4 same (capillar \$4 or fillament\$2) same ceramic) and (roll\$4 or wind\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/04/07 19:35
S111	16	"6350618"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/04/08 11:24
S112	6274	ceram	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/04/08 11:34
S113	11	"4640774"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/04/08 11:34
S114	12	"5779897"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/04/08 11:37
S115	27	"4268278"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/04/08 14:31
S116	0	(ceramic near4 (fillaments or capilar \$3)) same catalyst	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/04/08 14:32
S117	0	(ceramic near4 (fillaments or capilar \$3)) and catalyst	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/04/08 14:32
S118	1	(ceramic near15 (fillaments or capilar \$3)) and catalyst	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/04/08 14:33
S119	1	"20040076874"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/04/08 14:34
S120	298	(ceramic near15 (fillaments or capillar \$3)) and catalyst	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/04/08 14:34
S121	42	(ceramic near15 (fillaments or capillar \$3)) same catalyst	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/04/08 14:35

S122	83	"3536611"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/04/08 14:48
S123	17	"6350618"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 16:23
S124	14	"4640774"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 16:25
S125	17	"6350618"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 16:25
S126	14	"4990412"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 16:26
S127	25	"4310607"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 16:26
S128	142	((perforated) same ceramic) and permeat \$5 and hollow and tubes	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 16:27

**EAST Search History (Interference)**

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